

Appl. No. 10/723,361
Amendment dated December 5, 2006
Reply to Office action of September 5, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-61 (cancelled)

Claim 62 (new): A protein having SEQ ID NO: 3 and variants thereof that are at least 90 % identical to SEQ ID NO: 3 wherein said protein having ATPase activity or is capable of binding calmodulin.

Claim 63 (new): A protein having SEQ ID NO: 3 and variants thereof that are at least 95 % identical to SEQ ID NO: 3 wherein said protein having ATPase activity or is capable of binding calmodulin.

Claim 64 (new): A protein having SEQ ID NO: 3 and variants thereof that are at least 99 % identical to SEQ ID NO: 3 wherein said protein having ATPase activity or is capable of binding calmodulin.

Claim 65 (new): The protein of any one of claims 62 – 64, wherein said protein having ATPase activity.

Claim 66 (new): The protein of any one of claims 62 – 64, wherein said protein is capable of binding calmodulin.

Claim 67 (new): A fusion protein, said fusion protein comprising a protein of any one of claims 62 – 64, fused to a heterologous amino acid sequence.

Claim 68 (new): The fusion protein of claim 67, wherein said heterologous amino acid sequence is a detectable moiety.

Claim 69 (new): The fusion protein of claim 68, wherein said detectable moiety is fluorescent.

Claim 70 (new): The fusion protein of claim 67, wherein said heterologous amino acid sequence is an Ig Fc region.